

Sooty Shearwater Restoration Project Schedule & Task Timeline

A. Concept Schedule:

	Phase I	Phase II	Phase III			Phase IV				
Year	1	2	3	4	5	6	7	8	9	10
Task										
Planning	X	X								
Eradication		X	x							
Quarantine	x	X	X	X	X	x	x	x	x	x
Monitoring	X	X	X	X	X	x	x	x	x	x
Education		x								

X = High effort on task
x = Reduced effort on task

B. Provisional Plan and Milestones

Phase I (year 1): Pre-implementation Planning and Monitoring

Tasks:

- NZ Environmental court review
- US/NZ Legal review
- Management Plan development
- Site specific pre-eradication rat predation study
- Establish baseline monitoring plots on “control” and “targeted” islands
- Survey and map breeding area extent (*manu*)

Milestones:

- Environmental court approval (NZ)
- US legal & environmental compliance
- USFWS MOU
- Management plan
- Monitoring report
 - Rat predation results
 - Occupancy rate of burrows in plots
 - Map of breeding area
- Expense report

Phase II (year 2): Implementation – Rat Eradication

Tasks:

- Bait deployment
- Establishment of quarantine officer
- Establish stations for emergency “rat spill” response
- Print and distribute signage for quarantine precautions

Milestones:

Quarantine report

- Bait deployment results
- Map and photos of rat spill prevention stations
- Summary of quarantine precautions, protocols

Expense report

Phase III (year 3-5): Post-eradication Monitoring & Quarantine

Re-visit monitoring plots

Maintain quarantine and rat spill response

Milestones:

Monitoring report

- Post-eradication rat predation results
- Occupancy rate of burrows in plots
- Comparisons with pre-eradication

Quarantine report

- Update on status of prevention measures
- List of recommendations for quarantine protocols

Expense report

Phase IV (years 6-10): Adaptive Monitoring & Quarantine

Tasks:

Re-visit monitoring plots

Re-Survey breeding area (*manu*)

Maintain quarantine and rat spill response

Adapt monitoring and quarantine plan as necessary

Milestones:

Final Monitoring report

- Occupancy rate of burrows in plots
- Map of breeding area – comparisons with pre-eradication

Final Quarantine report

- Update on prevention measures and adaptations to original protocols
- List of recommendations for long-term quarantine protocols

Final Expense report

C. Concept Schedule with Milestone Reporting Timeline

[illegible]

Sooty Shearwater Restoration Project
Command funding

	Phase I	Phase II	Phase III	Phase IV	Totals	
Objective	Pre-planning	Eradication	Monitoring & Quarantine	Adaptive M & Q		
Eradication	\$ 23,000	\$ 193,000	\$ 18,000	\$ -	\$234,000	
Quarantine	\$ 5,880	\$ 7,200	\$ 12,760	\$ 13,880	\$ 39,720	
Monitoring	\$ 19,000	\$ 19,000	\$ 15,000	\$ 34,000	\$ 87,000	
Education	\$ -	\$ 1,980	\$ -	\$ -	\$ 1,980	
Administration	\$ 7,000	\$ 6,000	\$ 7,400	\$ 7,200	\$ 27,600	
Subtotal	\$ 54,880	\$ 227,180	\$ 53,160	\$ 55,080	\$390,300	
Command funding sought	\$ 54,880 41.5%	\$ 227,180 56.6%	\$ 53,160 42.6%	\$ 55,080 67.1%	\$390,300	52.7%
Other help in kind*	Phase I	Phase II	Phase III	Phase IV		
Objective						
Eradication	\$ 18,000	\$ 103,500	\$ -	\$ -	\$121,500	
Quarantine	\$ -	\$ -	\$ 7,500	\$ 15,000	\$ 22,500	
Monitoring	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$150,000	
Education	\$ 2,500 **	\$ 15,000 **	\$ 6,600 **	\$ 4,800 **	\$ 28,900	
Administration	\$ 7,000	\$ 6,000	\$ 7,400	\$ 7,200	\$ 27,600	
Subtotal In Kind	\$ 77,500 58.5%	\$ 174,500 43.4%	\$ 71,500 57.4%	\$ 27,000 32.9%	\$350,500	47.3%
Overall Project Budget	\$ 132,380	\$ 401,680	\$ 124,660	\$ 82,080	\$740,800	

*This table shows the amounts of help in kind that would be sought from other sources

**Funding will be sought (not secured) to develop a documentary on the Titi Islands & to develop educational materials for US school groups (K-12), and public ou

itreach.